

# Country of Origin on Form Template Item of Billing Document

S/4 HANA Cloud

## Aim

Show Country of Origin on Form Template Item of Billing Document.

## Steps to do

1) Creation of an extension field at Billing Document Item

Use app **Custom Fields and Logic**, tab Custom Fields, in the Extensibility business catalog. Create a new extension field in Business Context 'Billing Document Item' with an appropriate length.

The screenshot shows a 'New Field' configuration window. The 'Field Properties' section is visible, with the following fields and values:

- \*Business Context: Sales: Billing Document Item
- \*Label: Country\_Of\_Origin
- \*Identifier: YY1\_ Country\_Of\_Origin
- \*Tooltip: Country\_Of\_Origin
- \*Type: Text
- \*Length: 5

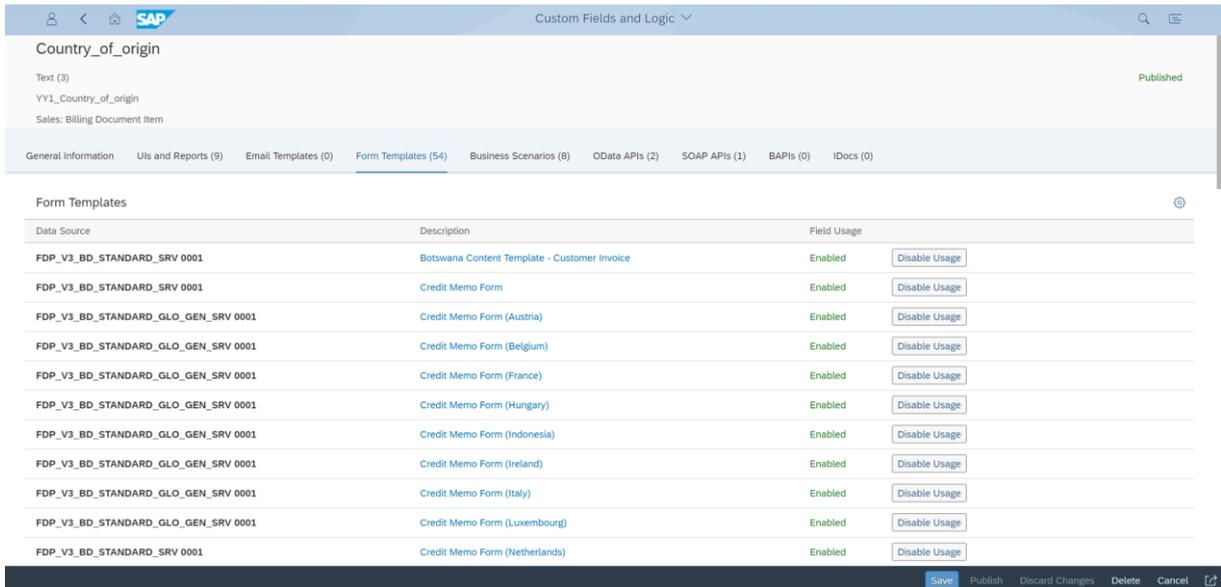
At the bottom, there is a 'Business Context Capacity' indicator showing a green bar at 38%. The bottom of the window has three buttons: 'Create', 'Create and Edit', and 'Cancel'.

This extension field is intended to store the country of origin with the billing document item.

Remark: The extension field will only be filled when triggering the output request.

2) Extend the Form Template with the Extension Field

Within the same App (**Custom Fields and Logic**) and tab (Custom Field) extend the Form Templates for the billing document with the extension field.



Save and publish the extension field.

### 3) Creation of an extension logic

Use app **Custom Fields and Logic**, tab Custom Logic, in the Extensibility business catalog. Create a new Enhancement Implementation in Business Context 'Billing Document Item' with Definition Description 'Billing Standard Output Item Adaption' and an appropriate Implementation Description.

The screenshot shows the 'New Enhancement Implementation' dialog box. It contains the following fields:

- Business Context:** Billing Document Item
- \*Definition Description:** Billing Standard Output Item Adaption
- \*Implementation Description:** Enhance Print Program
- \*Implementation ID:** YY1\_ENHANCEPRINTPROGRAM

At the bottom right, there are 'Create' and 'Cancel' buttons. The 'Create' button is highlighted.

**Add the following example code to the Draft.**

### Select Country of Origin from table MARC:

\* First of all assign existing extension field values to output parameter:

```
billingdocitem_ext_out = billingdocitem_ext_in.
```

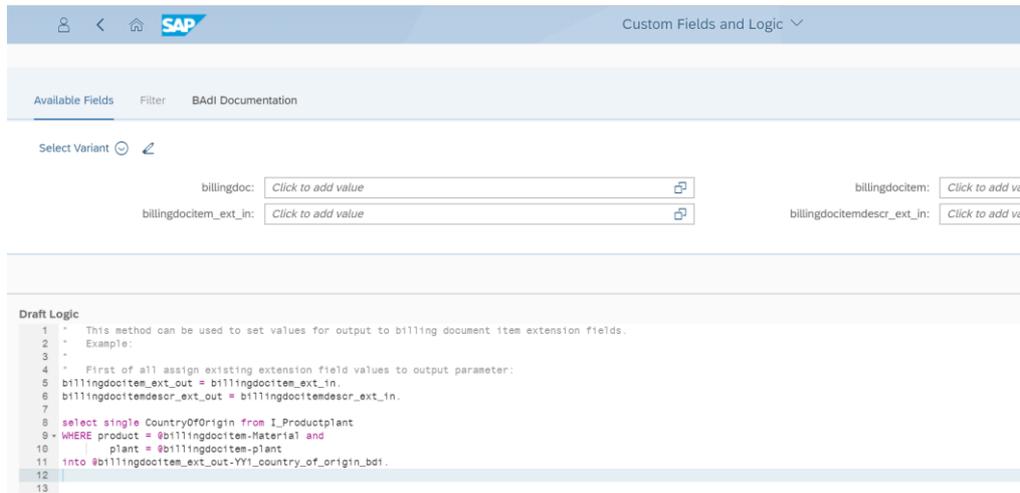
```
billingdocitemdescr_ext_out = billingdocitemdescr_ext_in.
```

```
select single CountryOfOrigin from I_Productplant
```

```
WHERE product = @billingdocitem-Material and
```

```
plant = @billingdocitem-plant
```

```
into @billingdocitem_ext_out-YY1_country_of_origin_bdi.
```



The screenshot shows the SAP Custom Fields and Logic interface. At the top, there is a navigation bar with the SAP logo and a dropdown menu for 'Custom Fields and Logic'. Below this, there are tabs for 'Available Fields', 'Filter', and 'BAdI Documentation'. A 'Select Variant' button is visible. The interface contains four input fields for parameters: 'billingdoc:' (Click to add value), 'billingdocitem:' (Click to add va...), 'billingdocitem\_ext\_in:' (Click to add value), and 'billingdocitemdescr\_ext\_in:' (Click to add va...). Below the input fields, the 'Draft Logic' section is visible, containing the following code:

```
1 * This method can be used to set values for output to billing document item extension fields.
2 * Example:
3 *
4 * First of all assign existing extension field values to output parameter:
5 billingdocitem_ext_out = billingdocitem_ext_in.
6 billingdocitemdescr_ext_out = billingdocitemdescr_ext_in.
7
8 select single CountryOfOrigin from I_Productplant
9 WHERE product = @billingdocitem-Material and
10 plant = @billingdocitem-plant
11 into @billingdocitem_ext_out-YY1_country_of_origin_bdi.
12
13
```

### Select Country of Origin from table MARA:

\* First of all assign existing extension field values to output parameter:

```
billingdocitem_ext_out = billingdocitem_ext_in.
```

```
billingdocitemdescr_ext_out = billingdocitemdescr_ext_in.
```

```
select single CountryOfOrigin from I_Product
```

```
WHERE product = @billingdocitem-material
```

```
into @billingdocitem_ext_out-YY1_country_of_origin_bdi.
```

SAP Custom Fields and Logic

Available Fields Filter BAdI Documentation

Select Variant

billingdoc:

billingdocitem\_ext\_in:

billingdocitem:

billingdocitemdescr\_ext\_in:

**Published Logic**

```
1 * This method can be used to set values for output to billing document item extension fields.
2 * Example:
3 *
4 *
5 * First of all assign existing extension field values to output parameter:
6 billingdocitem_ext_out = billingdocitem_ext_in.
7 billingdocitemdescr_ext_out = billingdocitemdescr_ext_in.
8
9 select single CountryOfOrigin from I_Product
10 WHERE product = @billingdocitem-material
11 into @billingdocitem_ext_out-YY1_country_of_origin_bd1.
12
13
```

Save and publish the extension Logic.

*Remark: To see the new created extension field in the Billing Document Printout, it is necessary to create a new Form Template.*